

PI 573094 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62314. **cultivar:** CC XXXIX-TWO-ROW. **pedigree:** Combination of germplasm from CC XXX-B, large seeded types and early types from CC XXXII-76, early types from CC XXVIII, plants from a recurrent sel. program for earliness, and plants from a recurrent sel. program for salt tolerance. **remarks:** Two-row selections from CC XXXIX. Breeding Material. Seed.

PI 573095 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62344. **cultivar:** CC XXXIX-DISEASE RESISTANT. **pedigree:** Combination of germplasm from CC XXX-B, large seeded types and early types from CC XXXII-76, early types from CC XXVIII, plants from a recurrent sel. program for earliness, and plants from a recurrent sel. program for salt tolerance. **remarks:** Resulting from selection for resistance to powdery mildew, net blotch, scald, BYDV, and leaf rust in California over a number of years. Breeding Material. Seed.

PI 573096. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Baenziger, P.S., Nebraska Agr. Exp. Sta., University of Nebraska-Lincoln, Dept. of Agronomy, Lincoln, Nebraska 68583-0915, United States. Received September 22, 1993.

origin: United States. **developed:** P.S. Baenziger, B. Moreno-Sevilla, C.J. Peterson, D.R. Shelton, L.A. Nelson, J. Hatchett, D. McVey, P. Nordquist. **origin institute:** Nebraska Agric. Exp. Station/USDA-ARS, University of Nebraska-Lincoln, Dept. of Agronomy, Lincoln, Nebraska 68583-0915 United States. **origin institute id:** NE88595. **cultivar:** ALLIANCE. **pedigree:** Arkan/Colt//Chishom. **remarks:** Semidwarf, white chaff, awned. Maturity medium, 1.5 days later than TAM107 and 1.5 days earlier than Arapahoe and Redland. Similar in plant height to Arapahoe and Redland, taller than Vista. Moderate straw strength. Moderate resistance to stem rust. Heterogeneous reaction to the Great Plains Biotype of Hessian fly which may indicate the Marquillo-Kawvale gene for resistance present. Susceptible to leaf rust and soilborne mosaic virus. Reaction to wheat streak mosaic virus needs further testing. More tolerance than most Nebraska cultivars to crown rotting diseases. Cultivar. Seed.